

APPENDIX A

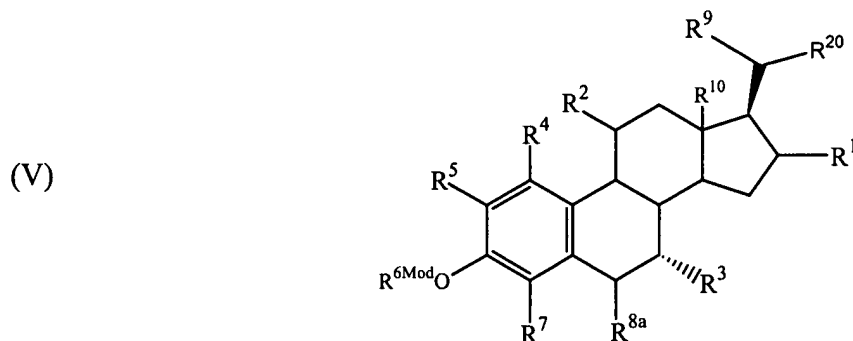
REDACTED CLAIMS INDICATING AMENDMENTS MADE

IN THE CLAIMS:

Please cancel claim 17, without prejudice.

Please amend claims 14, 15, 16, 18, and 21 as indicated below. Text to be deleted is indicated as ~~deleted text~~, while added subject matter is underlined.

14. (Amended) A compound having the structural formula (V)



wherein:

R¹ is hydrogen or CR¹¹R¹², wherein R¹¹ and R¹² are hydrogen or lower alkyl;

R² is selected from the group consisting of hydrogen, hydroxyl, alkyl, -OR¹³, and -SR¹³

wherein R¹³ is alkyl;

~~R³ is selected from the group consisting of hydrogen and hydrocarbyl;~~

R⁴, R⁵, and R⁷ are independently selected from the group consisting of hydrogen and lower alkyl;

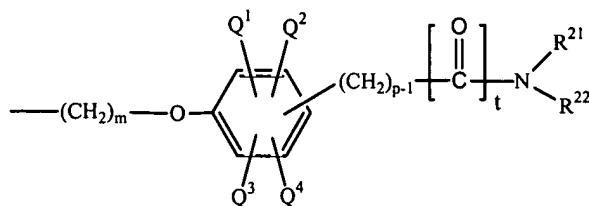
R^{6Mod} is selected from the group consisting of hydrogen, alkyl, acyl, -C(O)-aryl, -C(O)-alkyl, hydroxyl-protecting groups, and hydroxyl-activating groups;

R^{8a} is selected from the group consisting of hydrogen, hydroxyl, oxo, and -OR¹⁸ wherein R¹⁸ is lower alkyl or lower acyl;

R⁹ is hydrogen or alkyl;

R¹⁰ is methyl or ethyl; and

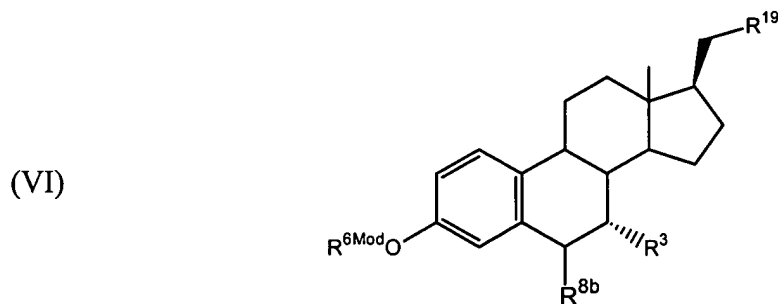
R^{20} is hydroxyl, hydroxymethyl, protected hydroxyl, protected hydroxymethyl, activated hydroxyl, activated hydroxymethyl, or



in which m is zero or 1, p is an integer in the range of 1 to 7 inclusive, t is zero or 1, with the proviso that when R^{8a} is oxo, t is 1, and when R^{8a} is hydrogen, t is zero, and R^{21} and R^{22} are lower alkyl or are linked together to form a five- or six-membered heterocycloalkyl ring; and

Q^1 , Q^2 , Q^3 , and Q^4 are independently selected from the group consisting of hydrogen, hydroxyl, carboxyl, alkoxy, alkyl, halogen, amino, and alkyl-substituted amino.

15. (Amended) The compound of claim 14, having the structural formula (VI)



wherein:

R^3 is ~~hydrogen or~~ lower alkyl;

R^{6Mod} is hydrogen or a hydroxyl-protecting group;

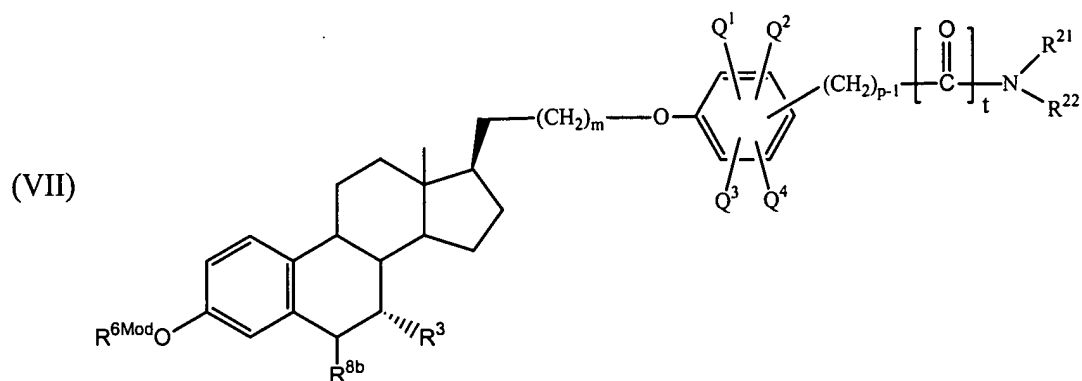
R^{8b} is selected from the group consisting of hydrogen, hydroxyl, and oxo; and

R^{19} is hydroxyl, hydroxymethyl, protected hydroxyl, protected hydroxymethyl, activated hydroxyl, or activated hydroxymethyl.

16. (Amended) The compound of claim 15, wherein R^3 is ~~hydrogen or methyl~~, R^{6Mod} is hydrogen or lower alkyl, R^{8b} is oxo, and R^{19} is hydroxyl, hydroxymethyl, -O-acetyl, or -O-tetrahydropyranyl.

18. (Amended) The compound of claim 16 ~~17~~, wherein R^{6Mod} is isopropyl.

21. (Amended) A compound having the structural formula (VII)



wherein:

R^3 is hydrogen or hydrocarbyl;

R^{6Mod} is selected from the group consisting of hydrogen, alkyl, acyl, -C(O)-aryl, and -C(O)-alkyl, hydroxyl-protecting groups, and hydroxyl-activating groups;

R^{8b} is selected from the group consisting of hydrogen, hydroxyl, and oxo;

m is zero or 1;

p is an integer in the range of 1 to 7 ~~inclusive~~;

t is zero or 1, with the proviso that when R^{8a} R^{8b} is oxo, t is 1, and when R^{8a} R^{8b} is hydrogen, t is zero, and;

R^{21} and R^{22} are lower alkyl or are linked together to form a five- or six-membered heterocycloalkyl ring; and

Q^1 , Q^2 , Q^3 , and Q^4 are independently selected from the group consisting of hydrogen, hydroxyl, carboxyl, alkoxy, alkyl, halogen, amino, and alkyl-substituted amino.